

Preparation of B-29 Lys modified insulin using proinsulins

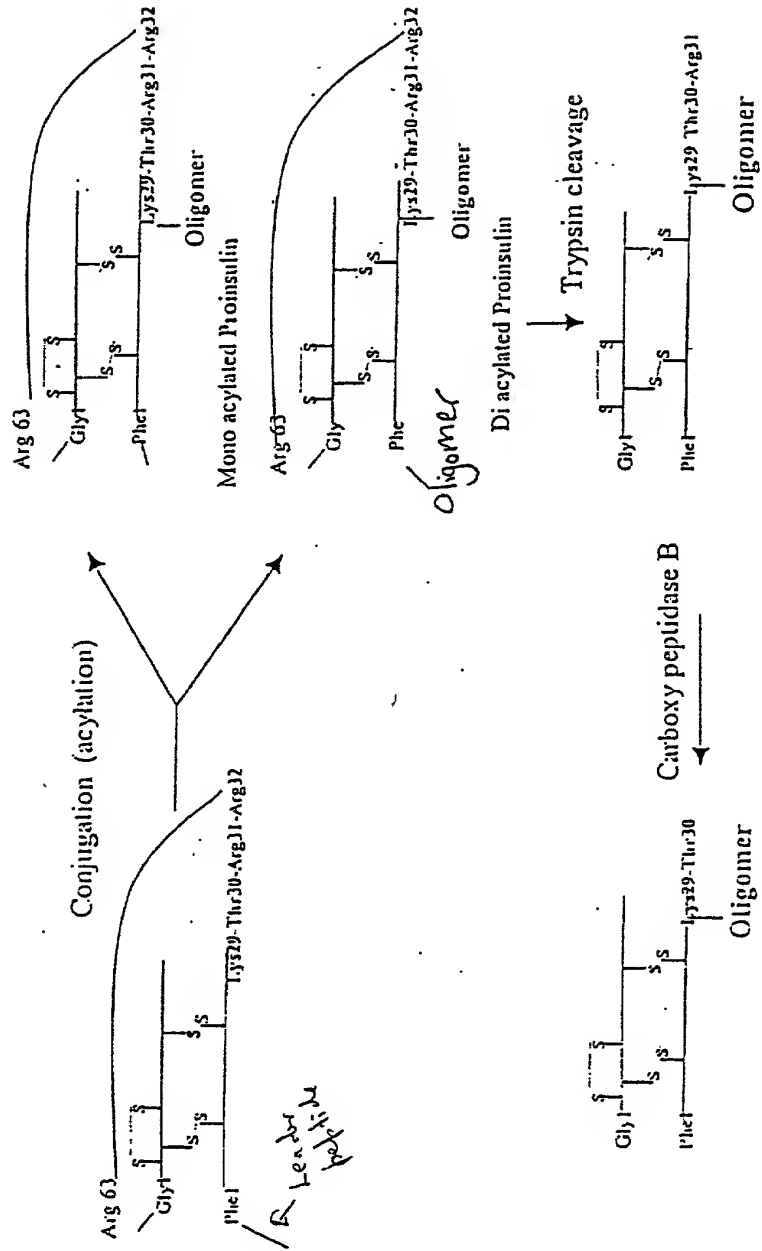


Figure 1

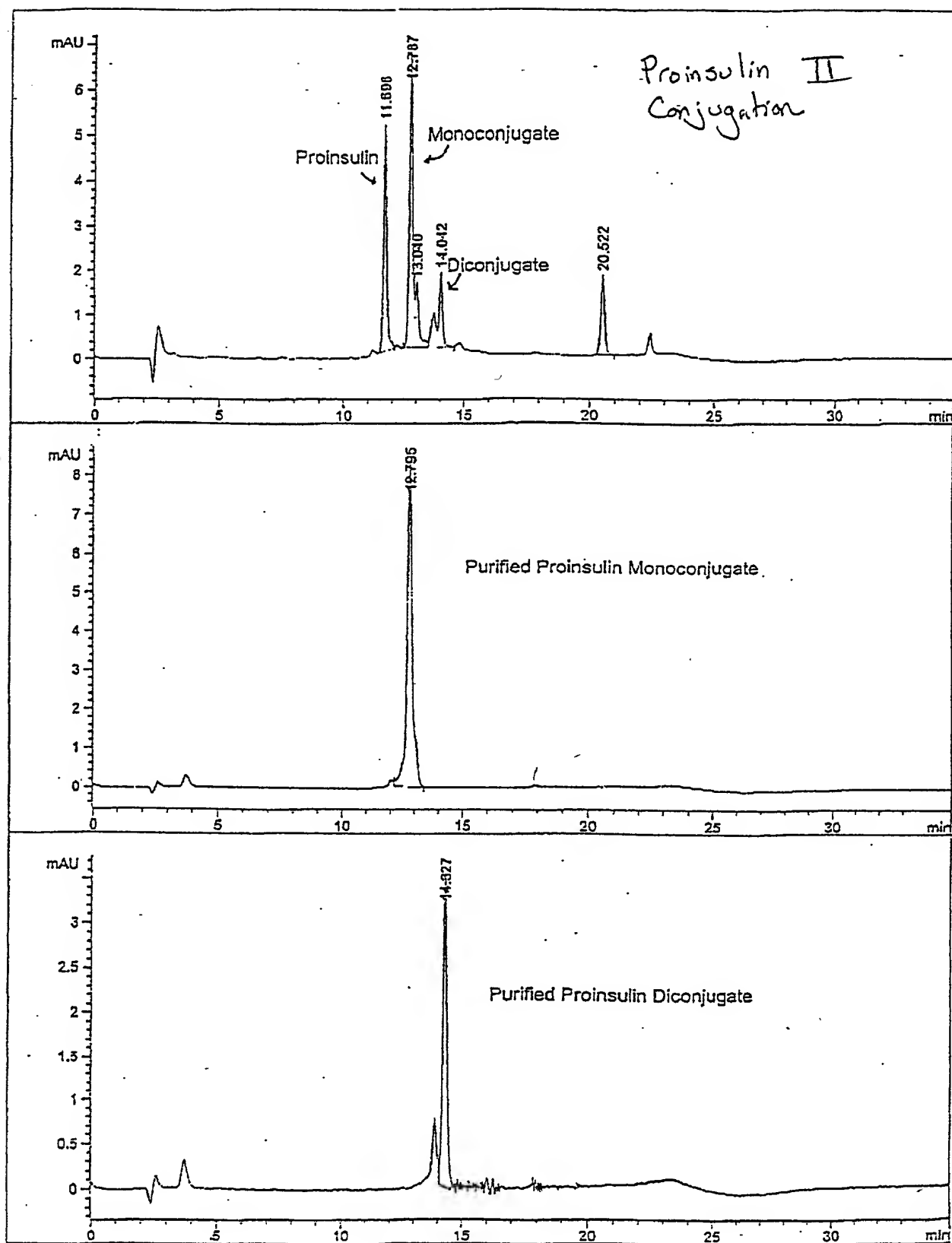


Figure 2

FOREF 4429E00F

Purified Proinsulin II Monoconjugate

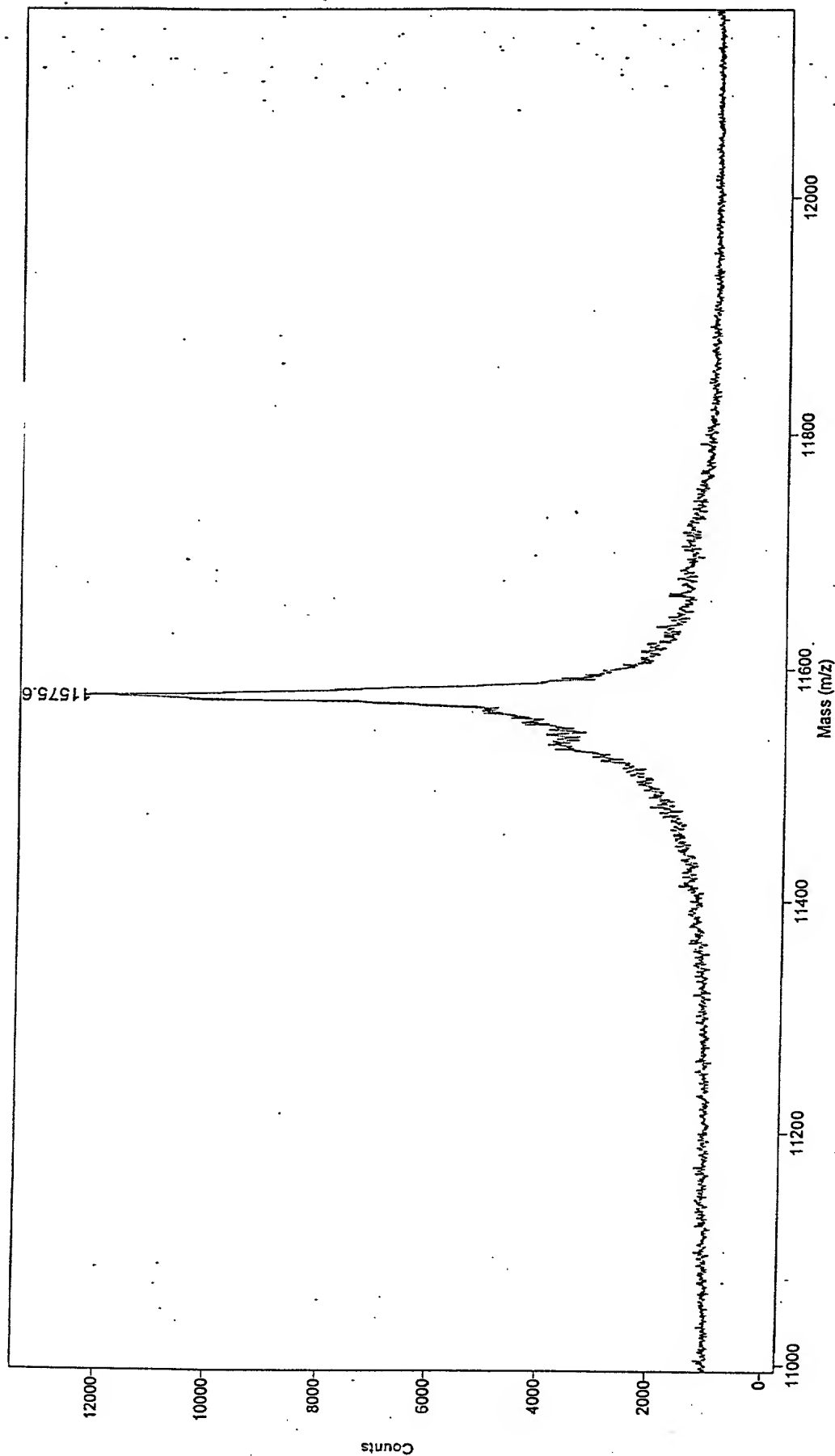


Figure 3

TOF MS 442900 F
Purified Proinsulin II Diconjugate

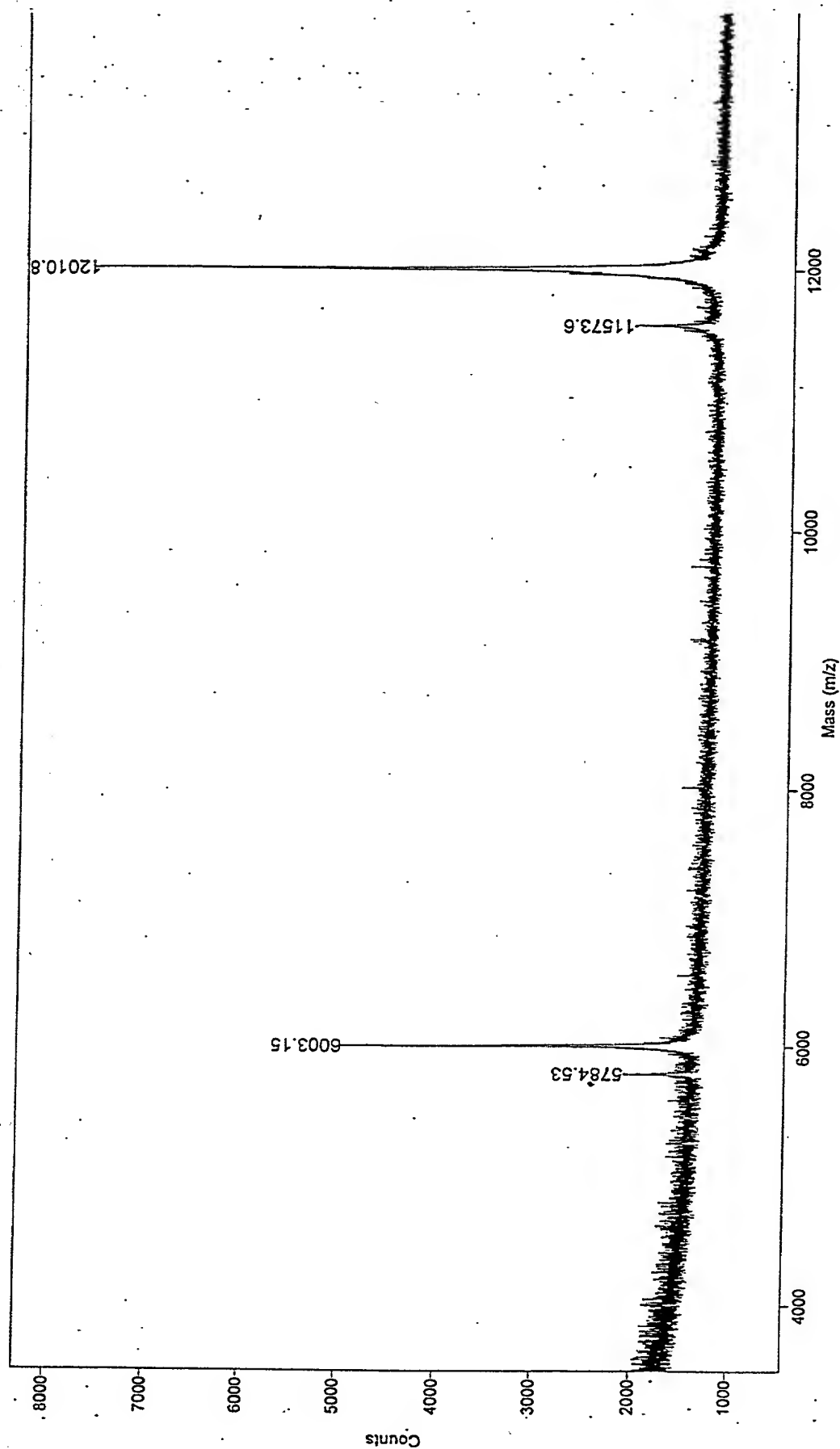


Figure 4

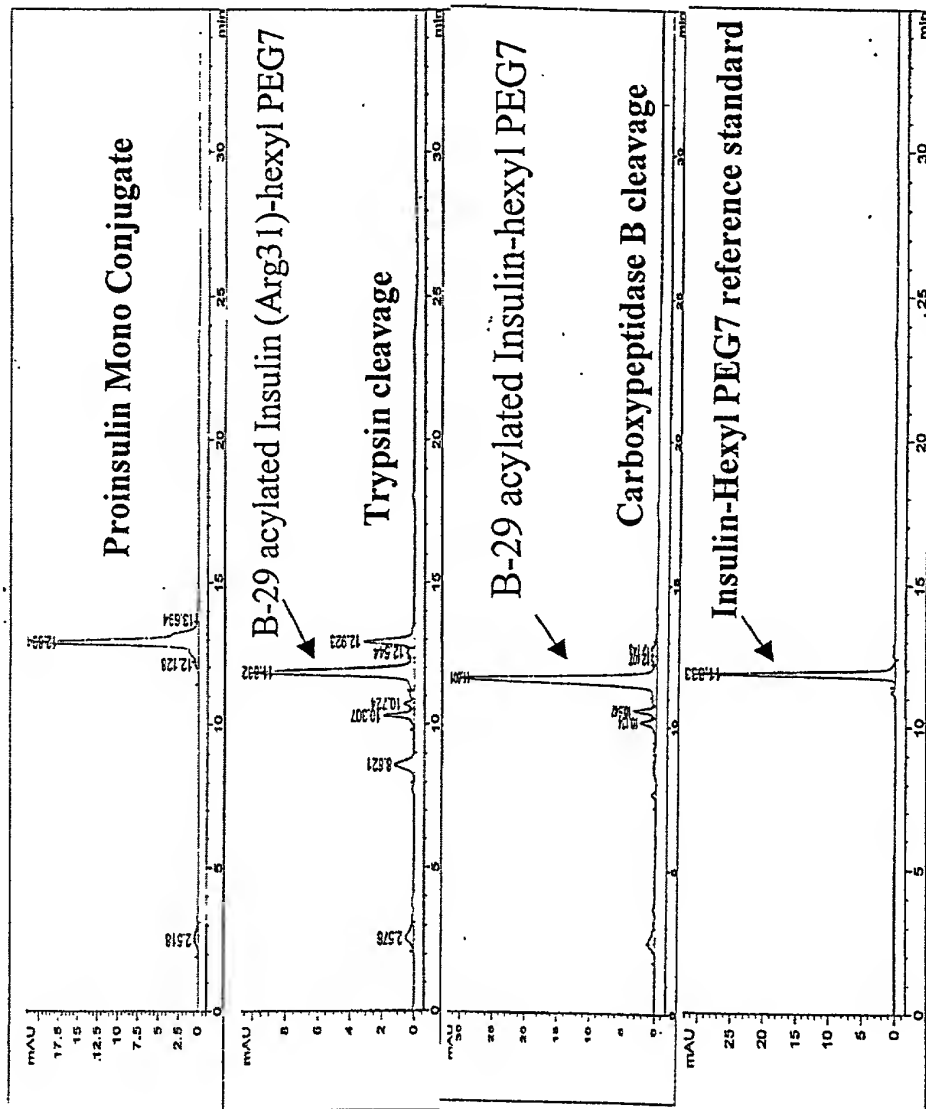


Figure 5

Product of Trypsin Cleavage of Proinsulin II Monoconjugate

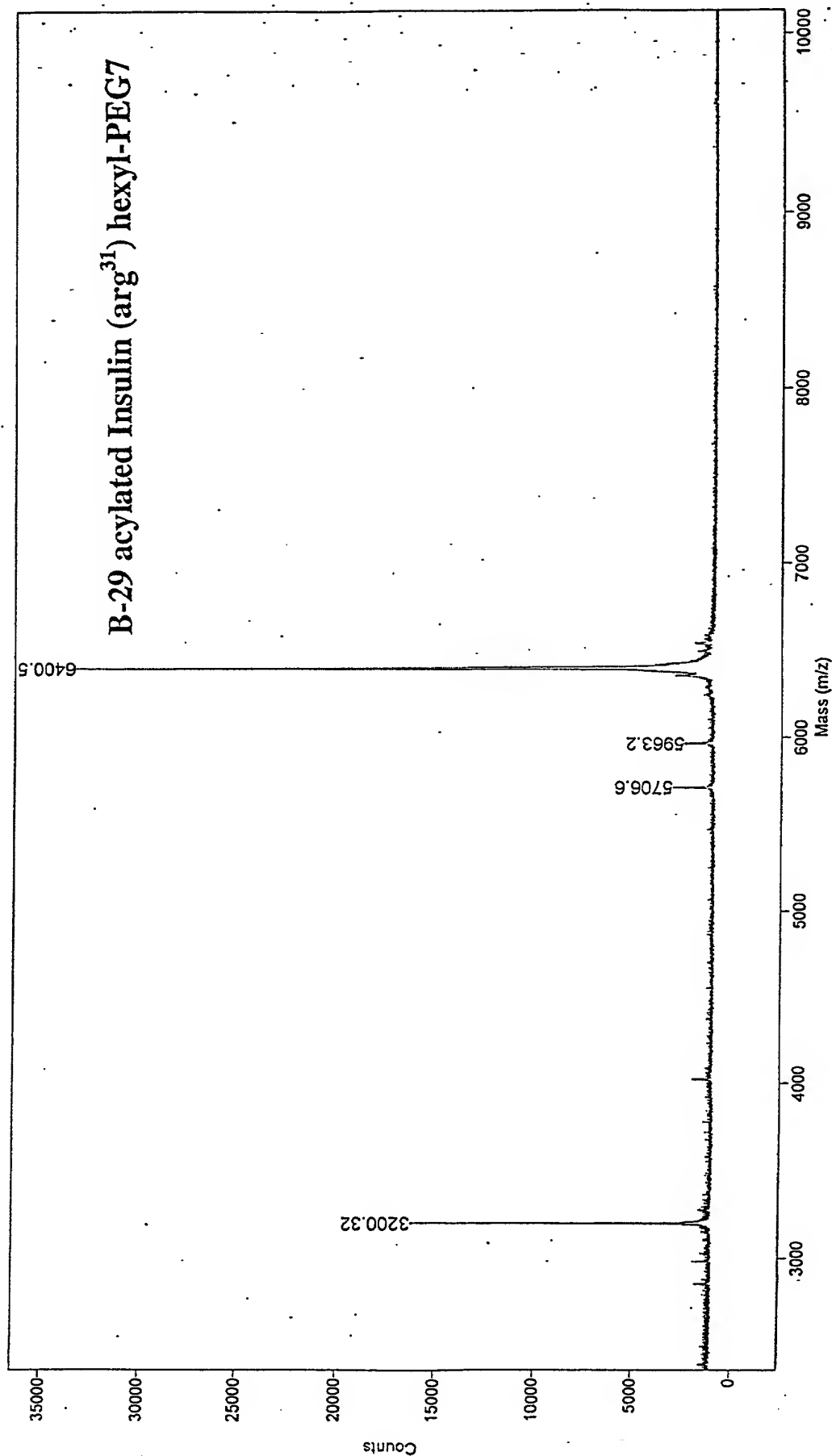


Figure 6

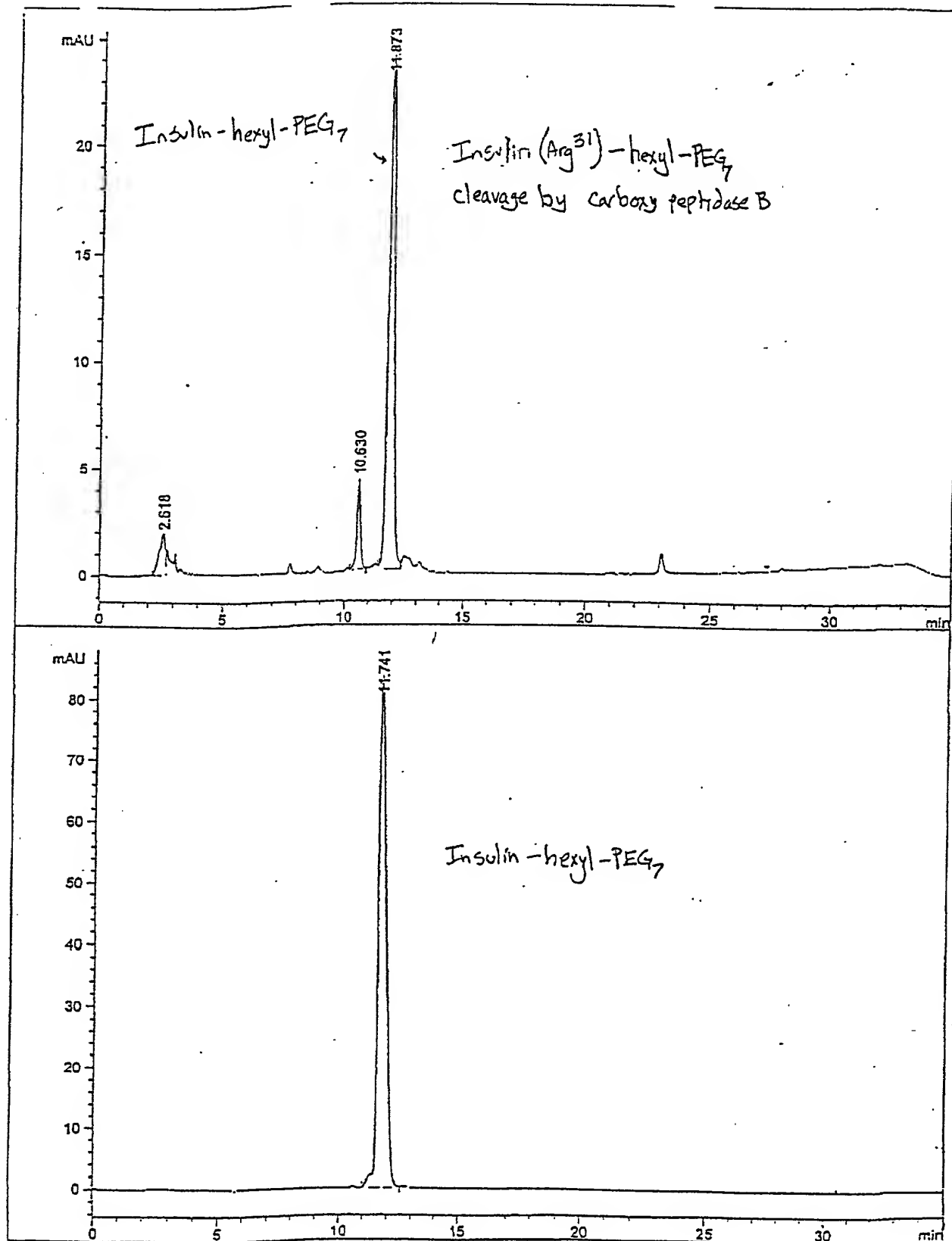


Figure 7

FOOT 442900F

Product of Carboxypeptidase B Cleavage
of B-29 acylated Insulin (arg^{31}) hexyl-PEG7

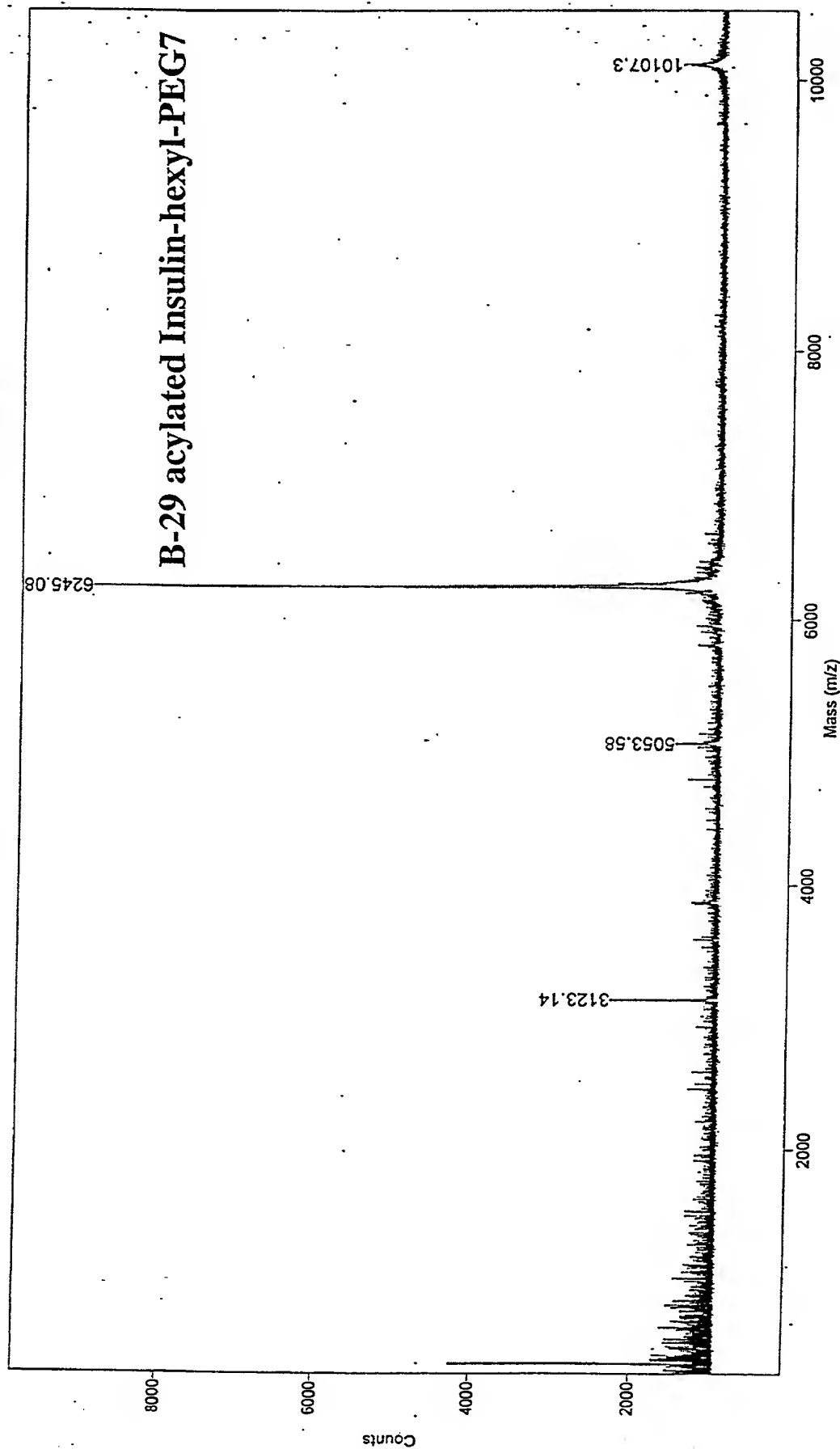


Figure 8

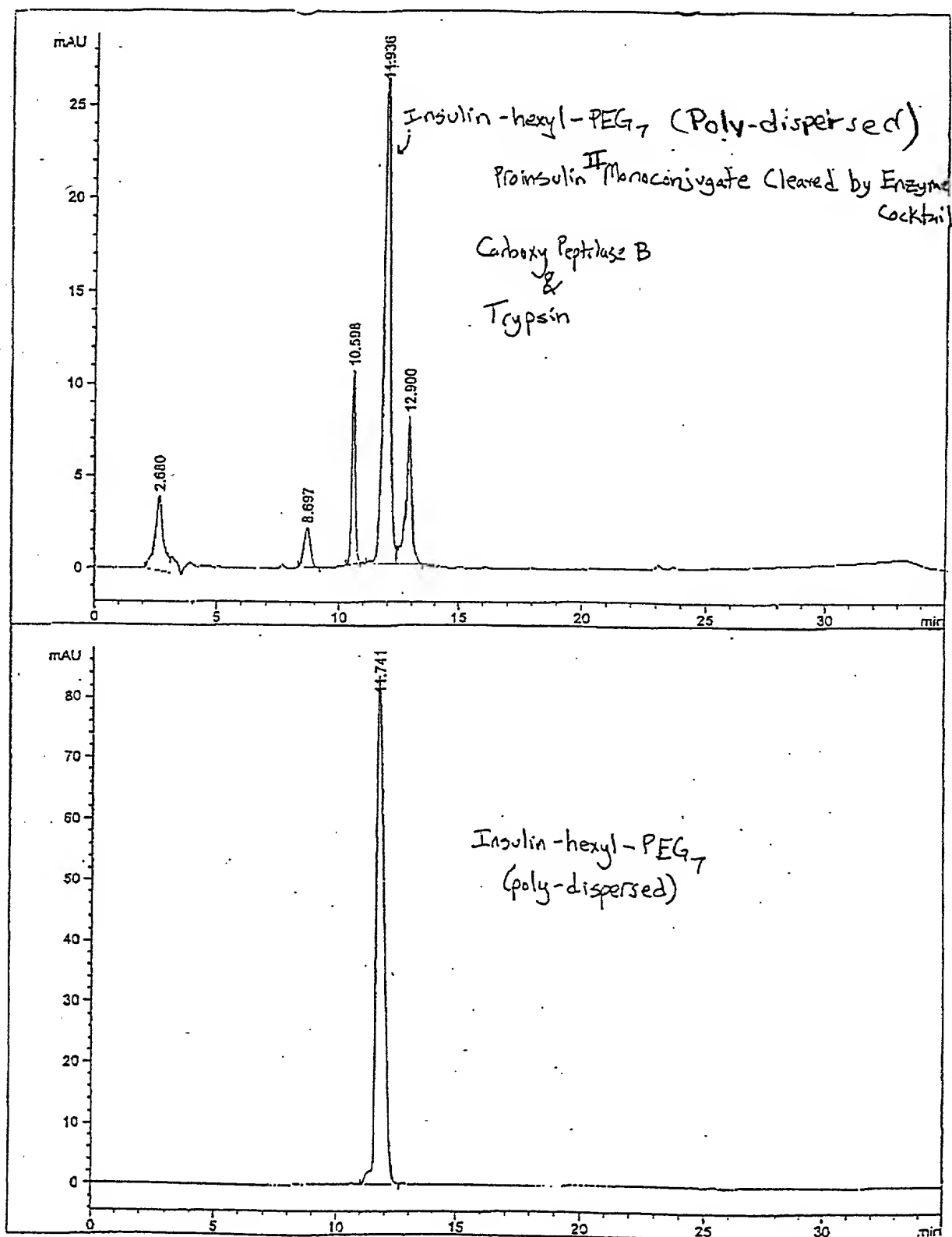


Figure 9

10036744.12401

PEG9

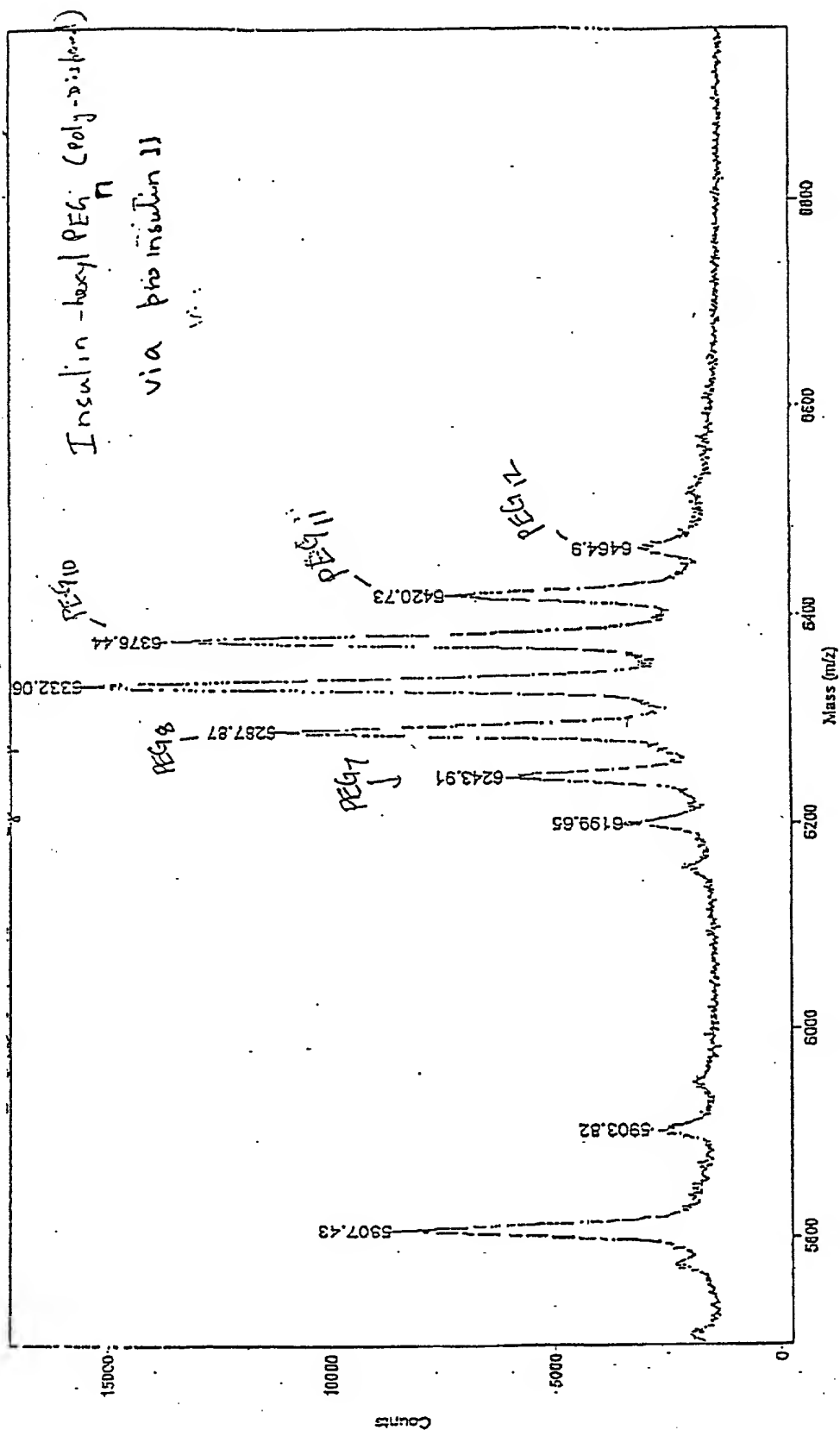


Figure 10

Sample: 16

Positive Ions

Mode: Linear

Method: LMK

HPLC Profile of Production of B-29 acylated Insulin-hexyl PEG7 Via Proinsulin I

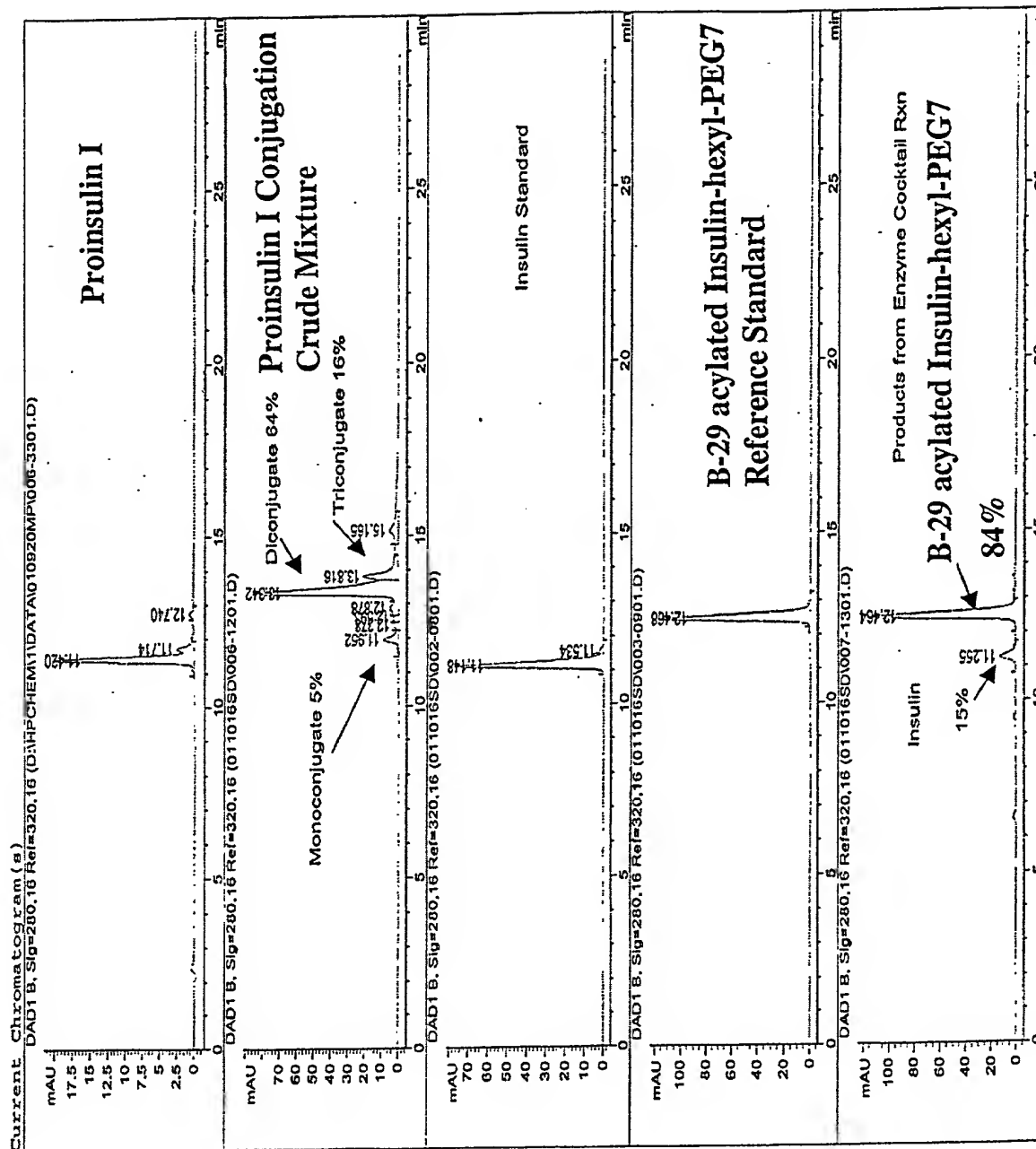
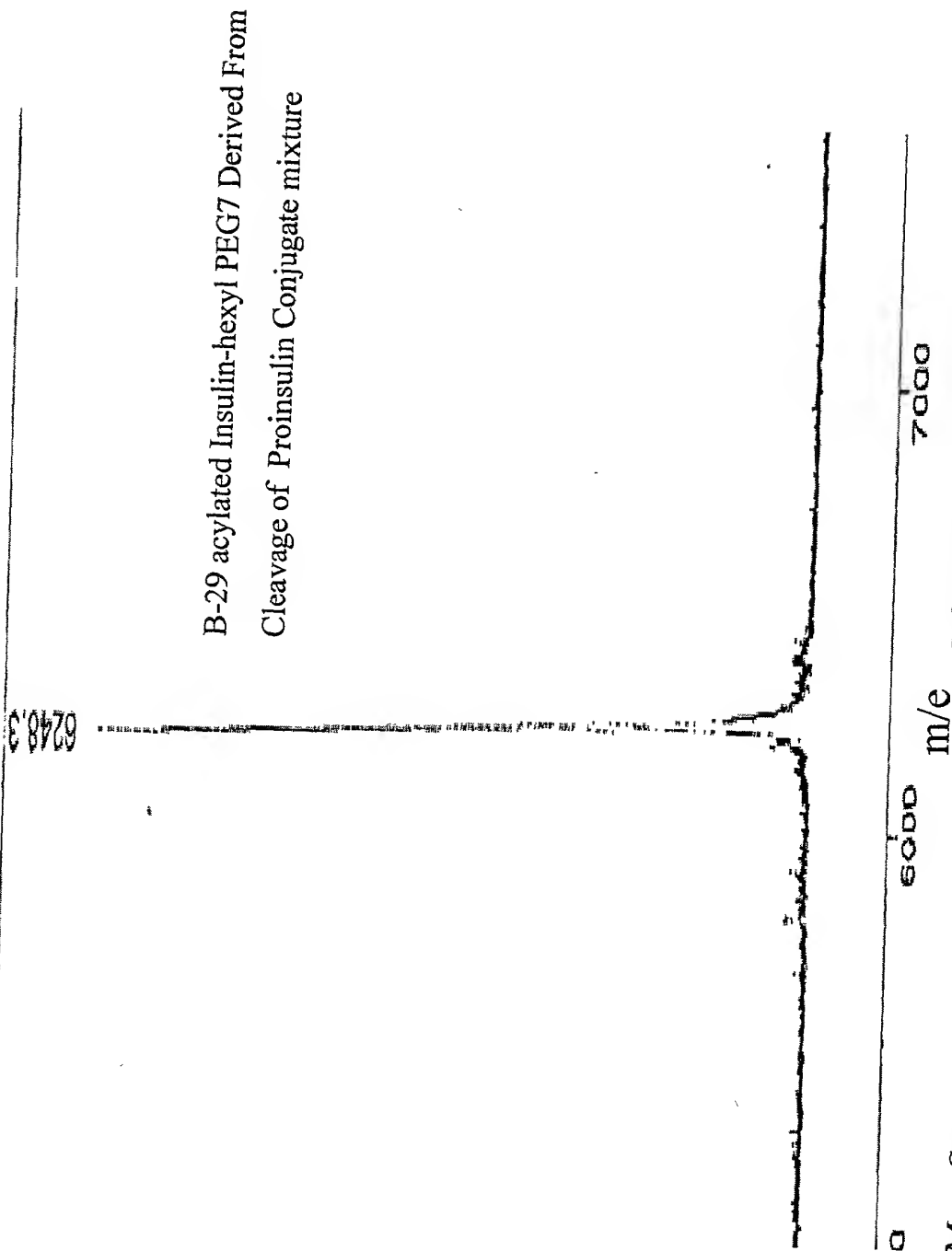


Figure 11

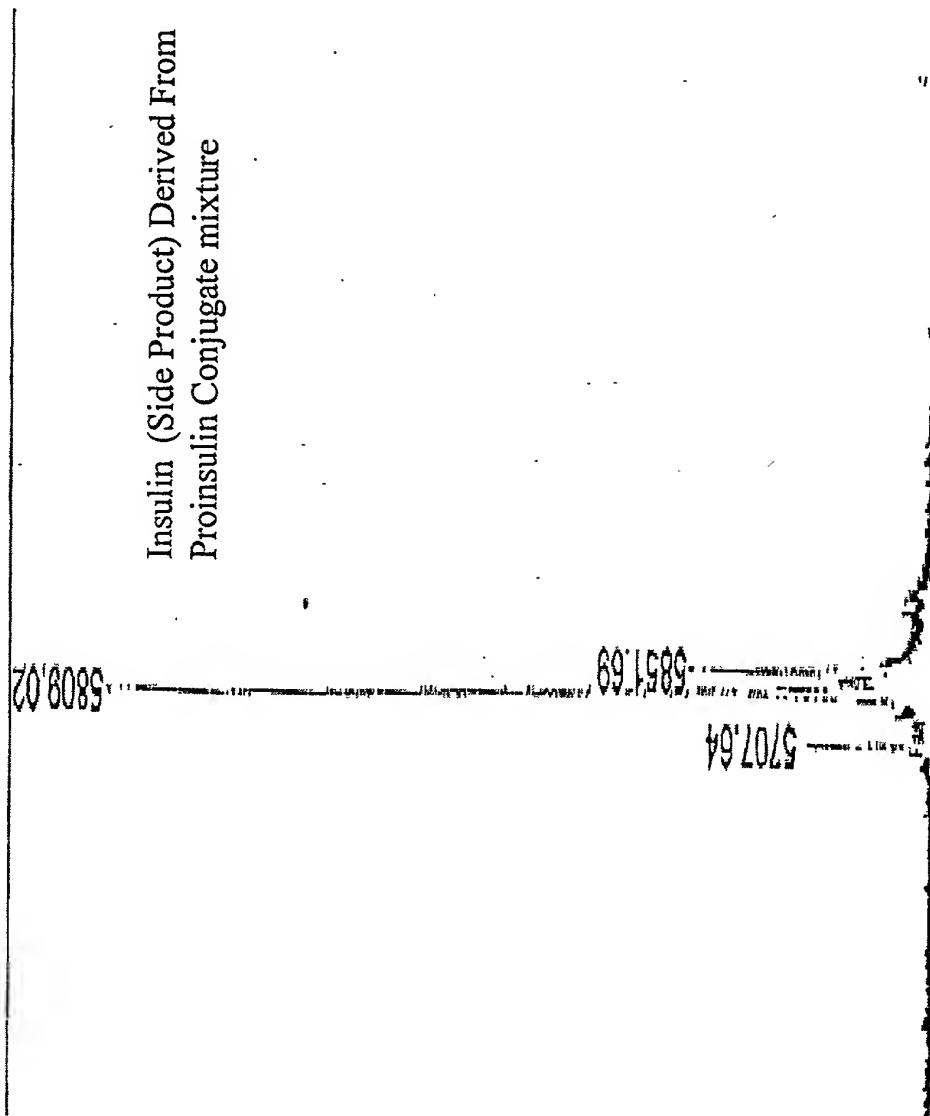
Mass Spectrum of B-29 Acylated Insulin-hexyl PEG7 via Proinsulin I



MALDI Mass Spec

Figure 12

Mass Spectrum of Insulin via Proinsulin I



m/e

MALDI Mass Spec

Figure 13

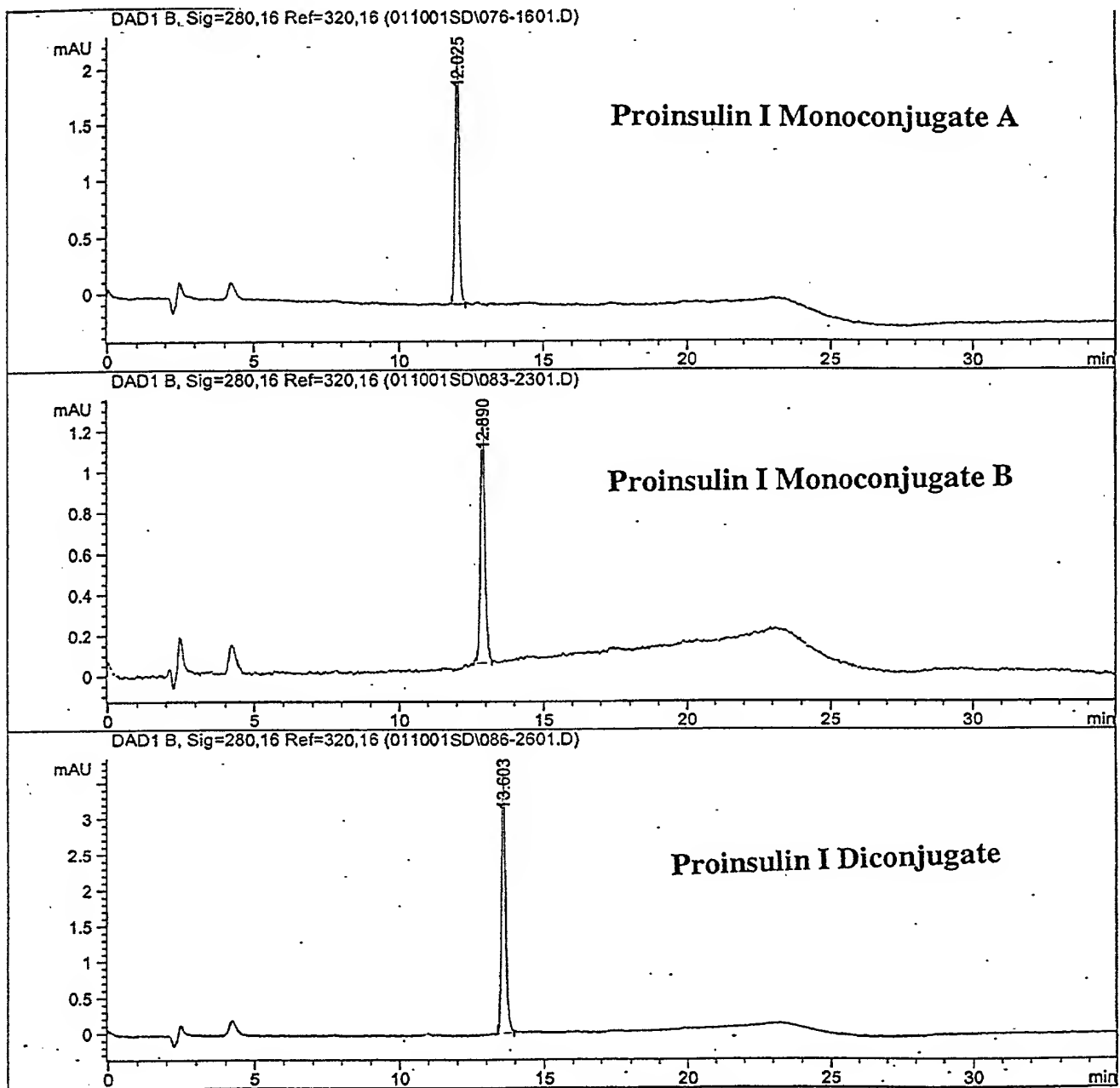
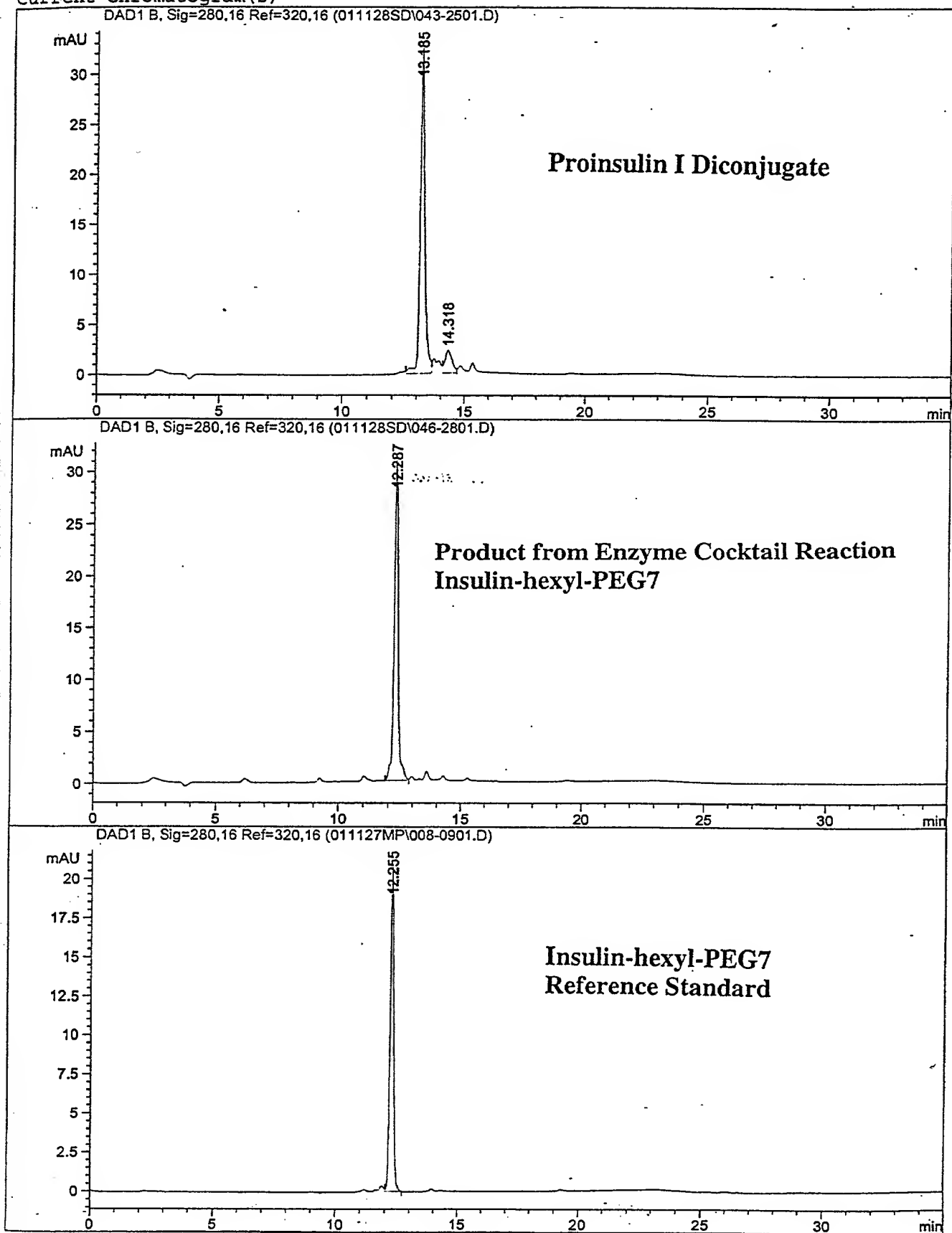


Figure 14

Current Chromatogram(s)



101221 449600

Current Chromatogram(s)

